

**Instructors:** Use this worksheet to organize the information in your lesson plan.

<b>Name of Module:</b>	End Tidal CO <sub>2</sub> Monitoring/ Capnography							
<b>Module Provider Level:</b>		<b>EMR</b>		<b>EMT</b>	X	<b>AEMT</b>		<b>Paramedic</b>
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<b>Instructional Setting:</b>		<b>Single Student</b>			<b>Small Group</b>		X	<b>Whole Class</b>
<b>Learning Domain(s):</b>	X	<b>Didactic</b>		X	<b>Psychomotor</b>			<b>Affective</b>
<b>General Description of Lesson:</b>	<b>EMR</b>	N/A						
	<b>EMT</b>	N/A						
	<b>AEMT</b>	Understanding, obtaining, and using information from Capnography						
	<b>Paramedic</b>	N/A						
<b>Objective(s) of Lesson:</b>	<b>EMR</b>	N/A						
	<b>EMT</b>	N/A						
	<b>AEMT</b>	1. Understand what capnography is and how it is obtained 2. Know the purpose of end-tidal monitoring 3. Know the different types of carbon dioxide detectors Colorimetric, Capnometry, and Capnography 4. Have an understanding of each type of detector and what readings it provides 5. Understand field uses for capnography						
	<b>Paramedic</b>	N/A						

<b>Assessment type(s):</b>	X	<b>Quiz</b>	X	<b>Observation</b>
	X	<b>Lab Skill Sheet</b>		<b>Other:</b>
<b>Describe the assessment plan:</b>	<p>Each student will be required to pass a skills test. In the skills test the student will demonstrate proper technique and knowledge of at least 2 end-tidal CO<sub>2</sub> detectors.</p> <p>Each student will also be required to take a written quiz on the objectives of this lesson.</p>			
<b>Describe electronic resource(s) used in this plan:</b>				
<b>Materials and Resources used by teachers and students:</b>				
<b>Teacher Procedure:</b>	<p>The teacher should go through each of the objectives by going through the power point with the class. Each student should have a good understanding of capnography/end-tidal CO<sub>2</sub> monitoring. Students do not need to understand the waveforms of capnography, just have an understanding of what regular respirations looks like.</p> <p>Once students have a good understanding of capnography and the devices used to obtain the readings, each student will be required to go through the skills test which tests them on colorimetric and one other device. A manikin should be intubated prior to the testing for this station.</p> <p>Once each student has passed the skills test, each student will take the written quiz.</p>			
<b>Student Tasks:</b>	Successfully pass the skills station and pass the written exam			
<b>Time Required:</b>	<b># of class periods:</b>	1	<b># of minutes per class period:</b>	60
<b>Notes, tips, suggestions, and/or extension activities:</b>	<p>More information can be found at <a href="http://www.capnography.com">www.capnography.com</a>. If students want to learn more about wave forms, this web site is very detailed.</p>			